

04-15-05

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail**

**Mail Stop ISSUE FEE**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, Virginia 22313-1450**  
**or Fax (703) 746-4000**

APR 14 2005

**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

22511 7590 01/28/2005

OSHA & MAY L.L.P.  
 1221 MCKINNEY STREET  
 SUITE 2800  
 HOUSTON, TX 77010

04/18/2005 DENMANU2 00000036 09993382

01 FC:1501 1400.00 OP  
 02 FC:1504 300.00 OP  
 03 FC:8001 12.00 OP

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

**Certificate of Mailing or Transmission**

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

(Depositor's name)

(Signature)

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/993,382	11/14/2001	Taiichi Yuasa	15115.012001	5769

TITLE OF INVENTION: METHOD AND APPARATUS FOR DELETING DATA

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	04/28/2005
EXAMINER		ART UNIT	CLASS-SUBCLASS		
WONG, LESLIE		2167	707-206000		

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 OSHA & MAY L.L.P.  
 2 \_\_\_\_\_  
 3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

OMRON CORPORATION

Kyoto, Japan

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
☒ Advance Order - # of Copies 4

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.  
☒ Payment by credit card. Form PTO-2038 is attached.  
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-0591 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.  
 NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

T. Chyan Liang

Date

4/14/05

Typed or printed name

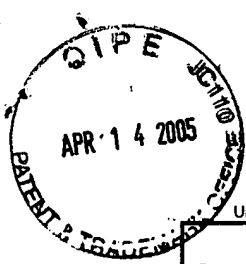
Jonathan P. Osha #48,885

Registration No.

33,986

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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<b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		<b>Complete if Known</b>	
		Application Number	09/993,382-Conf. #5769
		Filing Date	November 14, 2001
		First Named Inventor	Taiichi Yuasa
		Examiner Name	L. Wong
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	Art Unit	2167	
<b>TOTAL AMOUNT OF PAYMENT</b>	<b>(\$)</b> 1,712.00	Attorney Docket No.	15115/012001

**METHOD OF PAYMENT** (check all that apply)

<input type="checkbox"/> Check	<input checked="" type="checkbox"/> Credit Card	<input type="checkbox"/> Money Order	<input type="checkbox"/> None	<input type="checkbox"/> Other (please identify): _____
<input checked="" type="checkbox"/> Deposit Account	Deposit Account Number: 50-0591		Deposit Account Name: Osha & May L.L.P.	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)				
<input type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee			
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments			

**FEE CALCULATION**

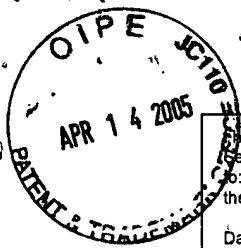
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>								
<b>Application Type</b>	<b>Fee (\$)</b>	<b>FILING FEES</b>	<b>SEARCH FEES</b>	<b>EXAMINATION FEES</b>		<b>Fees Paid (\$)</b>		
		<b>Small Entity Fee (\$)</b>	<b>Small Entity Fee (\$)</b>	<b>Small Entity Fee (\$)</b>	<b>Small Entity Fee (\$)</b>			
Utility	300	150	500	250	200	100		
Design	200	100	100	50	130	65		
Plant	200	100	300	150	160	80		
Reissue	300	150	500	250	600	300		
Provisional	200	100	0	0	0	0		
<b>2. EXCESS CLAIM FEES</b>							<b>Small Entity</b>	
<b>Fee Description</b>							<b>Fee (\$)</b>	<b>Fee (\$)</b>
Each claim over 20 (including Reissues)							50	25
Each independent claim over 3 (including Reissues)							200	100
Multiple dependent claims							360	180
<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>		<b>Multiple Dependent Claims</b>			
6	- 20 =	x			<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>		
<b>Indep. Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>					
3	- 3 =	x						
<b>3. APPLICATION SIZE FEE</b>								
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).								
<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>				
	- 100 =	/50	(round up to a whole number) x					
<b>4. OTHER FEE(S)</b>								
Non-English Specification, \$130 fee (no small entity discount)								
Other (e.g., late filing surcharge): 1501 Utility issue fee							1,400.00	
1504 Publication fee for early, voluntary, or normal ...							300.00	
8001 Printed copy of patent w/o color							12.00	

<b>SUBMITTED BY</b>			
Signature	<i>[Signature]</i>	Registration No. (Attorney/Agent)	33,986
Name (Print/Type)	Jonathan P. Osha T. Chyau Liang #48,885	Telephone	(713) 228-8600
		Date	April 14, 2005

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV562271673US, in an envelope addressed to: Commissioner for Patents, P.O. Box 4450, Alexandria, VA 22313-1450, on the date shown below.

Dated: April 14, 2005

Signature: *[Signature]* (Toni A. Hill)



I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV562271673US, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: April 14, 2005

Signature: 

(Toni A. Hill)

Docket No.: 15115/012001  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Taiichi Yuasa

Application No.: 09/993,382

Group Art Unit: 2167

Filed: November 14, 2001

Examiner: L. Wong

For: METHOD AND APPARATUS FOR GARBAGE  
COLLECTION USING ADVANCED  
MARKING TECHNIQUES AND RESTRICTED  
BARRIER TO PROTECT THE DATA

**TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed are the following items for filing in connection with the above-referenced Patent Application:

1. Fee Transmittal (1 page) and
2. Part B - Fees Transmittal PTOL-85 (1 page).

Please charge our Credit Card in the amount of \$1,712.00 covering the required fees. Credit Card Payment Form SB-2038, with a signature from an authorized cardholder, is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this

Application No.: 09/993,382

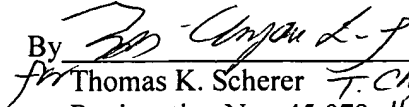
Docket No.: 15115/012001

application by this firm) to our Deposit Account No. 50-0591, under Order No. 15115/012001.

A duplicate copy of this paper is enclosed.

Dated: April 14, 2005

Respectfully submitted,

By   
for Thomas K. Scherer *T. Chyan Liang*  
Registration No.: 45,079 #48,885  
OSHA & MAY L.L.P.  
1221 McKinney St., Suite 2800  
Houston, Texas 77010  
(713) 228-8600